

# Comparisons of Job Characteristics

**Focus Occupation:** Service Unit Operators, Oil, Gas, and Mining (47-5013)

**Associated Occupation:** Rotary Drill Operators, Oil and Gas (47-5012)

[Compare Knowledge](#)

[Compare Skills](#)

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<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 71

**Focus Occupation:** Service Unit Operators, Oil, Gas, and Mining (47-5013)

**Associated Occupation:** Rotary Drill Operators, Oil and Gas (47-5012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	15.3	14.8	0 Current knowledge level may be sufficient
Mathematics	9.2	12.2	7.2	<< Extensive education and/or training may be required
Personnel and Human Resources	5.6	9.2	3.3	<< Extensive education and/or training may be required
Chemistry	4.8	8.1	5.2	<< Extensive education and/or training may be required
Transportation	4.6	7.0	8.2	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 90

**Focus Occupation:** Service Unit Operators, Oil, Gas, and Mining (47-5013)

**Associated Occupation:** Rotary Drill Operators, Oil and Gas (47-5012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	11.5	10.3	< A higher skill level may be required
Operation Monitoring	6.6	11.2	11.8	0 Current skill level may be sufficient
Quality Control Analysis	5.9	8.8	8.7	0 Current skill level may be sufficient
Repairing	3.4	8.8	7.9	< A higher skill level may be required
Equipment Maintenance	3.5	8.6	7.7	< A higher skill level may be required
Troubleshooting	4.5	8.4	8.3	0 Current skill level may be sufficient
Equipment Selection	3.3	6.2	5.7	0 Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 86			
Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013) Associated Occupation: Rotary Drill Operators, Oil and Gas (47-5012)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	13.0	12.5	0	Current ability level may be sufficient
Multilimb Coordination	6.0	11.6	12.2	0	Current ability level may be sufficient
Selective Attention	8.7	11.5	10.6	0	Current ability level may be sufficient
Manual Dexterity	6.5	11.4	9.4	<	Some improvement in abilities may be required
Rate Control	3.8	10.0	7.2	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	9.7	9.5	0	Current ability level may be sufficient
Gross Body Equilibrium	3.2	6.9	8.6	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 99
<b>Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013)</b> <b>Associated Occupation: Rotary Drill Operators, Oil and Gas (47-5012)</b>		
Work Activities	Exclusivity of Activity	
Assemble detonation units for construction or extraction work	89	
Charge blasting holes with explosives	82	
Determine amount or kind of explosive needed to complete job	85	
Determine locations, angles, and depths of blast holes	92	
Detonate blasting charges for construction or extraction work	89	
Drill blasting holes	89	
Monitor operation of drilling equipment	95	
Remove or retrieve tools, equipment, casings or pipe from wells	95	
Use hand or power tools	2	
Use measuring devices in construction or extraction work	41	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Service Unit Operators, Oil, Gas, and Mining (47-5013)**

**Associated Occupation: Rotary Drill Operators, Oil and Gas (47-5012)**

### Tools and Technologies

### Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.